



#12/Amndt C  
6/19/03  
C Moore

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q59149

Shinichi IRISAWA, et al.

Appln. No.: 09/599,726

Group Art Unit: 2879

Confirmation No.: 9228

Examiner: Roy, Sikha

Filed: June 23, 2000

For: ARC TUBE AND MANUFACTURING METHOD THEREFOR

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated February 21, 2003, please amend the above-identified application as follows:

**IN THE CLAIMS:**

**Please cancel claim 1 without prejudice or disclaimer.**

**Please enter the following amended claim:**

*C1* 4. (Amended) The arc tube as claimed in claim 6, wherein the average roughness is 2  $\mu\text{m}$

or smaller.

**Please add the following new claim:**

*C2* 7. The method of manufacturing an arc tube as claimed in claim 3, wherein said tungsten

electrode has an average surface roughness of between .3  $\mu\text{m}$  and 3  $\mu\text{m}$ .

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